

Message

From: Delgrosso, Karen [Delgrosso.Karen@epa.gov]
Sent: 7/20/2022 5:41:53 PM
To: Chow, Alice [chow.alice@epa.gov]
Subject: RE: [External] Maps of EtO sterilizers

Will do – thanks!

From: Chow, Alice <chow.alice@epa.gov>
Sent: Wednesday, July 20, 2022 1:41 PM
To: Delgrosso, Karen <Delgrosso.Karen@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

Yup. Go ahead.



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Delgrosso, Karen <Delgrosso.Karen@epa.gov>
Sent: Wednesday, July 20, 2022 1:39 PM
To: Chow, Alice <chow.alice@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

Hi Alice, I am in the B. Braun webpage now – should I remove map? It seem useless at this point.

From: Chow, Alice <chow.alice@epa.gov>
Sent: Wednesday, July 20, 2022 12:50 PM
To: Beal, Madeline <Beal.Madeline@epa.gov>; Gillespie, Taylor <Gillespie.Taylor@epa.gov>
Cc: Woody, Matt <Woody.Matt@epa.gov>; Stahl, Cynthia <Stahl.Cynthia@epa.gov>; Delgrosso, Karen <Delgrosso.Karen@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

I am okay with no map, but is B. Braun still going to have a webpage? We will just have the text then saying they are below 100 in a million? We will still need the outreach slides and we would do the same as what's on the website page.



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Beal, Madeline <Beal.Madeline@epa.gov>
Sent: Wednesday, July 20, 2022 12:46 PM
To: Chow, Alice <chow.alice@epa.gov>; Gillespie, Taylor <Gillespie.Taylor@epa.gov>
Cc: Woody, Matt <Woody.Matt@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

I think no isopleth map.

On the one hand I want to make sure we are as accommodating to communities as we can be, but I think if we make exceptions and create maps for any communities below the 100/million line then it raised the question of why we aren't doing that everywhere and I don't think we have capacity to do isopleth maps for all 100. I think the most understandable decision is to prioritize the highest risk areas.

Let me know if you all have different thoughts.

-mads

From: Chow, Alice <chow.alice@epa.gov>
Sent: Wednesday, July 20, 2022 11:39 AM
To: Beal, Madeline <Beal.Madeline@epa.gov>; Gillespie, Taylor <Gillespie.Taylor@epa.gov>
Cc: Woody, Matt <Woody.Matt@epa.gov>
Subject: FW: [External] Maps of EtO sterilizers

What "isopleth" map would we use for B. Braun since it's below 100 in a million?

Alice



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Woody, Matt <Woody.Matt@epa.gov>
Sent: Wednesday, July 20, 2022 11:33 AM
To: Chow, Alice <chow.alice@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

Good question but I don't know the answer. I'd recommend checking with Taylor and Madeline. There is a facility in New Mexico in this same category (risks below 100-in-1 million, requires outreach based on OIG).

From: Chow, Alice <chow.alice@epa.gov>
Sent: Wednesday, July 20, 2022 10:02 AM
To: Woody, Matt <Woody.Matt@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

Okay, so B. Braun is still on the list for us to create a website page for them as per the HQ comms folks. Should we just put in a location map with no isopleths?



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Woody, Matt <Woody.Matt@epa.gov>
Sent: Wednesday, July 20, 2022 10:00 AM
To: Chow, Alice <chow.alice@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

No, because their risks are now below 100-in-1 million. The minimum values we're showing on the maps is 100-in-1 million.

From: Chow, Alice <chow.alice@epa.gov>
Sent: Wednesday, July 20, 2022 9:56 AM
To: Woody, Matt <Woody.Matt@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

Is there a new isopleth map for B. Braun?



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Woody, Matt <Woody.Matt@epa.gov>
Sent: Wednesday, July 20, 2022 7:59 AM
To: Chow, Alice <chow.alice@epa.gov>; Witt, Jon <Witt.Jon@epa.gov>; Vasu, Amy <Vasu.Amy@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

Hi Alice,

Yes, see attached.

Thanks,
Matt

From: Chow, Alice <chow.alice@epa.gov>

Sent: Wednesday, July 20, 2022 7:37 AM

To: Woody, Matt <Woody.Matt@epa.gov>; Witt, Jon <Witt.Jon@epa.gov>; Vasu, Amy <Vasu.Amy@epa.gov>

Subject: RE: [External] Maps of EtO sterilizers

Matt: Do you have a new isopleth map for AMS yet? We are needing to finish our outreach packages for the comms folks.

Thanks,
Alice



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Woody, Matt <Woody.Matt@epa.gov>

Sent: Tuesday, July 12, 2022 1:24 PM

To: Chow, Alice <chow.alice@epa.gov>; Witt, Jon <Witt.Jon@epa.gov>; Vasu, Amy <Vasu.Amy@epa.gov>

Subject: RE: [External] Maps of EtO sterilizers

Thanks Alice, that was really helpful. We had modeled it at the 2010 Jackson Point Ct. (incorrect) address. I just moved it to the correct location and remodeled. It did bring the risk down slightly to 147-in-1 million (down from 168-in-1 million), which after rounding will be presented as 100-in-1 million. We'll work on getting an updated gradient map with the corrected location and risks. Here is the location I just used to model it:



From: Chow, Alice <chow.alice@epa.gov>

Sent: Tuesday, July 12, 2022 11:49 AM

To: Woody, Matt <Woody.Matt@epa.gov>; Witt, Jon <Witt.Jon@epa.gov>; Vasu, Amy <Vasu.Amy@epa.gov>

Subject: RE: [External] Maps of EtO sterilizers

Matt: Google maps have the address of 2010 Jackson Pointe Ct., it's where the orange colored building is on the isopleth map.



4040 Jackson Pointe Ct where ACS is on the other side...in between 2 other facilities...PDL Distribution is at 5000 Jackson Pointe Ct, Martin Sprocket & Gear is at 3010 Jackson Pointe Ct.



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Woody, Matt <Woody.Matt@epa.gov>
Sent: Tuesday, July 12, 2022 11:26 AM
To: Chow, Alice <chow.alice@epa.gov>; Witt, Jon <Witt.Jon@epa.gov>; Vasu, Amy <Vasu.Amy@epa.gov>
Subject: RE: [External] Maps of EtO sterilizers

Hi Alice,

Thanks for the update. The info we had based on the address of the facility was the building we had marked on the isopleth map. I assume the info from PA is more accurate. Is there anyway you can confirm PA's location?

Thanks,
Matt

From: Chow, Alice <chow.alice@epa.gov>
Sent: Tuesday, July 12, 2022 10:31 AM
To: Witt, Jon <Witt.Jon@epa.gov>; Vasu, Amy <Vasu.Amy@epa.gov>; Woody, Matt <Woody.Matt@epa.gov>
Subject: FW: [External] Maps of EtO sterilizers

Just a correction on one of the maps...



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Gustafson, Eric <egustafson@pa.gov>
Sent: Tuesday, July 12, 2022 9:57 AM
To: jkrueger@pa.gov; Fleck, Andrew <afleck@pa.gov>; Bonifacio, Henry <hbonifacio@pa.gov>; Zhong, Min <mzhong@pa.gov>; sarikeri@pa.gov; Bardzilouskas, Matthew <mbardzilou@pa.gov>; aschweitze@pa.gov; Guerrieri, Sheri <shguerrier@pa.gov>; Khalife, Lynn <mkhalife@pa.gov>
Cc: kdalal@pa.gov; Chow, Alice <chow.alice@epa.gov>; Williams, Matthew <matwilliam@pa.gov>
Subject: RE: [External] Maps of EtO sterilizers

Just so we are on the same page...

The map provided by EPA for ACS Zelenople is incorrect. The building highlighted in the map is not the correct location for the facility. ACS Zelenople is located in the adjacent building, as highlighted by my comment in the attachment.

Eric A. Gustafson | *he, him, his*
Regional Air Quality Program Manager
Department of Environmental Protection
Northwest Regional Office
230 Chestnut Street | Meadville, PA 16335
Phone: 814.332.6819 | Fax: 814.332.6121
www.dep.pa.gov

DEP is now accepting permit and authorization applications, as well as other documents and correspondence, electronically through the OnBase Electronic Forms Upload tool. Please use the link below to view the webpage, get instructions, and submit documents:

<https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

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From: Krueger, John <jkrueger@pa.gov>

Sent: Monday, July 11, 2022 1:55 PM

To: Fleck, Andrew <afleck@pa.gov>; Bonifacio, Henry <hbonifacio@pa.gov>; Zhong, Min <mzhong@pa.gov>; Arikeri, Soumya <sarikeri@pa.gov>; Bardzilouskas, Matthew <mbardzilou@pa.gov>; Schweitzer, Andrew <aschweitze@pa.gov>; Guerrieri, Sheri <shguerrier@pa.gov>; Khalife, Lynn <mkhalife@pa.gov>

Cc: Dalal, Kirit <kdalal@pa.gov>; Wejksznier, Mark <mwejksznier@pa.gov>; Gustafson, Eric <egustafson@pa.gov>; Chow, Alice <chow.alice@epa.gov>

Subject: FW: [External] Maps of EtO sterilizers

Looking through my Inbox for things from Alice I'm pretty sure I forgot to forward these to any of you. Sorry. These maps are now two months old so they probably can't be used to help us answer Question #8.

From: Chow, Alice <chow.alice@epa.gov>

Sent: Tuesday, May 10, 2022 7:50 AM

To: Hammond, Mark <mahammond@pa.gov>; Krueger, John <jkrueger@pa.gov>

Cc: Fernandez, Cristina <Fernandez.Cristina@epa.gov>; Bain, Andrea <Bain.Andrea@epa.gov>

Subject: [External] Maps of EtO sterilizers

***ATTENTION:** This email message is from an external sender. Do not open links or attachments from unknown sources. To report suspicious email, forward the message as an attachment to CWOPA_SPAM@pa.gov.*

The US EPA appreciates the attention that you and your staff are paying to address the risk posed by air emissions of ethylene oxide (EtO) from commercial sterilizers. Long-term exposure to high concentrations of EtO can increase the lifetime risk of getting cancer. As you know, EPA has worked with federal partners, communities, states, Tribes, and stakeholders to reduce the risks posed by EtO since 2018. Recently, EPA collected information in support of a Clean Air Act regulation to control EtO from commercial sterilizers. EPA used updated EtO emissions information from commercial sterilizers to estimate the increased risk of getting cancer related to the EtO emitted from almost 100 commercial sterilizers. The agency found elevated risks at about 30 of those sterilizers. The agency is sharing this risk information in advance of the proposed regulation so that everyone can engage fully in the development of the environmental rule and encourage other actions to reduce risk from commercial sterilizers.

To that end, attached please find maps of those commercial sterilizers (and surrounding neighborhood) in your state. The maps show results of EPA modeling as part of the Agency's upcoming Clean Air Act regulation to reduce air toxics from commercial sterilizers. The maps include information about the estimated risks posed by these facilities. Please do not forward these maps outside of your agency, as they are being shared with you as our co-regulators and so that you can prepare for questions from the public. EPA will post these maps on an EPA

website in early June. Thank you again for working with EPA on this issue. We look forward to continued information sharing and efforts to address this air toxic.

Note that the Part 2 S/L webinar for commercial sterilizers discussing emissions and modeling will be held on Thursday, May 12, from 1-3pm. If you have questions, please contact me.



Alice H. Chow
Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov

